

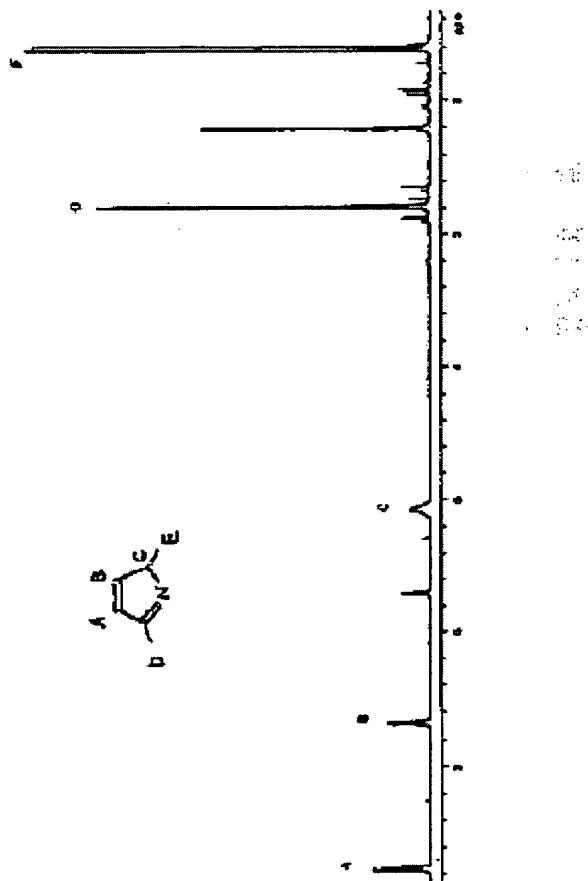
**PRODUCTION OF LOW ALPHA-OLEFIN POLYMER**

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**Inventor:** URATA HISAO; NISHIMURA SUGIO; AOSHIMA NORIYUKI  
**Applicant:** MITSUBISHI CHEM CORP  
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- **international:** C08F4/69; C08F10/00  
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**Abstract of JP9176228**

**PROBLEM TO BE SOLVED:** To provide a production process, whereby a low  $\alpha$ -olefin polymer (e.g. a low 1-hexene polymer) can be produced in a high yield with a high selectivity and industrially advantageously without complicated operations.

**SOLUTION:** In the process for producing a low  $\alpha$ -olefin polymer by using a chromium catalyst, the catalyst used at least comprises a chromium compd., a nitrogen compd. having a carbon-nitrogen double bond in a nonarom. ring (a compd. having an endocyclic imino group), and an alkylaluminum compd.



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